

Amendments to the Claims:

The listing of Claims will replace all prior versions and listings of the Claims in the application:

Listing of Claims

1.-17. (Cancelled)

18. (Previously Presented) A presentation service architecture for a

netcentric computing system, comprising:

a client connected with a web server;

a desktop manager service for allowing users to manipulate files and

launch applications located on said client;

a direct manipulation service for allowing users to manage at least

one software application object by manipulating visual representations of

said application objects located on said client;

a input device service for detecting user input from at least one input

device located on said client;

a report and print service for enabling on-screen previewing and

printing of documents that contain data that are generated on said client by

said web server;

a user navigation service for providing users with the ability to

access or navigate between functions within or across applications that are

generated on said client by said web server;

a web browser service for allowing users to view and interact with

applications and documents located on said client and said web server,

wherein said web browser service is configured to enable applications to

use fields to display data and collect user input data;

a form service for enabling applications from said web server to use

at least one field to display and collect data from said client outside of said

web browser service; and

a window system service for providing a base functionality for

creating and managing a graphical user interface.

19. (Original) The presentation service architecture of claim 18,
wherein said direct manipulation service includes display services and
input/validation services.

20. (Original) The presentation service architecture of claim 19,
wherein said display services enable applications to represent application objects as
at least one icon and control the display characteristics of said icon.

21. (Original) The presentation service architecture of claim 19,
wherein said input/validation services enable applications to invoke validation logic
when a user selects an application object.

22. (Original) The presentation service architecture of claim 18,

wherein said web browser services include web browser extension services, web browser form services and web browser user navigation services.

23. (Previously Presented) The presentation service architecture of

claim 22, wherein said web browser extension services is at least one of plug-ins, helper application/viewers, Java applets, Active/X controls or Java beans or combinations thereof.

24. (Cancelled)

25. (Original) The presentation service architecture of claim 22,

wherein said web browser user navigation services provide users on said client with the ability to access or navigate between functions within or across applications located on said web server.

26. (Previously Presented) The presentation service architecture of

claim 22, wherein said web browser user navigation services is at least one of

hyperlinks, customized menus or virtual reality services or combinations thereof.

27. (Previously Presented) A method of providing a presentation service

architecture for a netcentric computing system, comprising the steps of:

providing at least one client connected with a web server;

manipulating files and launching applications with a desktop

manager service on said client;

allowing users to manage at least one software application object by

manipulating visual representations of said application objects with a direct

manipulation service on said client;

detecting user inputs from at least one input device with an input

device service located on said client;

previewing and printing documents that contain data with a report

and print service located on said client;

accessing or navigating between functions within or across

applications on the web server with a user navigation service on said client;

viewing and interacting with applications and documents on said

web server with a web browser service on said client, wherein said web

browser service includes web browser extension services, web browser

form services and web browser user navigation services, said web browser

form services enables applications to use fields to display and collect data

within said web browser service on said client;

displaying and collecting data with a forms service on said client,

wherein said forms service and said user navigation service are operated

outside of said web browser service, said forms service enables applications

from said web server to use at least one field to display various data types

on said client and perform validation of said collected data; and

providing a window system service that is capable of creating and

managing a graphical user interface on said client.

28. (Cancelled)

29. (Previously Presented) The method of claim 27, wherein said web

browser extension services is at least one of plug-ins, helper application/viewers,

Java applets, Active/X controls or Java beans and combinations thereof.

30. (Cancelled)

31. (Previously Presented) The method of claim 27, wherein said web

browser user navigation services provide users on said client with the ability to

access or navigate between functions within or across applications located on said

web server.

32. (Previously Presented) The method of claim 27, wherein said web browser user navigation services is at least of hyperlinks, customized menus or virtual reality services.

33.-36. (Canceled)

37. (Previously Presented) The presentation services architecture of claim 18, wherein said user navigation service is operable outside of said web browser service.

38. (Previously Presented) The presentation services architecture of claim 37, wherein said user navigation service is configured to provide users with the ability to access or navigate between functions with a list of functions included

in at least one of a pull-down menu bar, a context-sensitive pop-up menu or a text-

based menu.

39. (Previously Presented) The presentation services architecture of

claim 18, wherein said form service is configured to allow applications to copy the

contents of said at least one field to a copybook structure stored in said client for

retrieval or display by applications.

40. (Previously Presented) The presentation services architecture of

claim 18, wherein said form service is configurable to manage field

interdependencies, invoke application logic based on the state of said at least one

field, and provide validation of collected data.

41. (Previously Presented) The method of claim 27, wherein navigating

between functions comprises the user navigation service listing available functions

with at least one of a pull-down menu, a context-sensitive pop-up menu and a text

base menuing system.

42. (Previously Presented) The method of claim 27, wherein displaying

and collecting data comprises the forms service enabling applications to retrieve

and display data by copying the contents of the at least one field to a copybook

structure in memory.

43. (Previously Presented) The method of claim 27, wherein displaying

and collecting data comprises the forms service managing field interdependencies

and invoking application logic based on user actions and the state of the at least one

field.